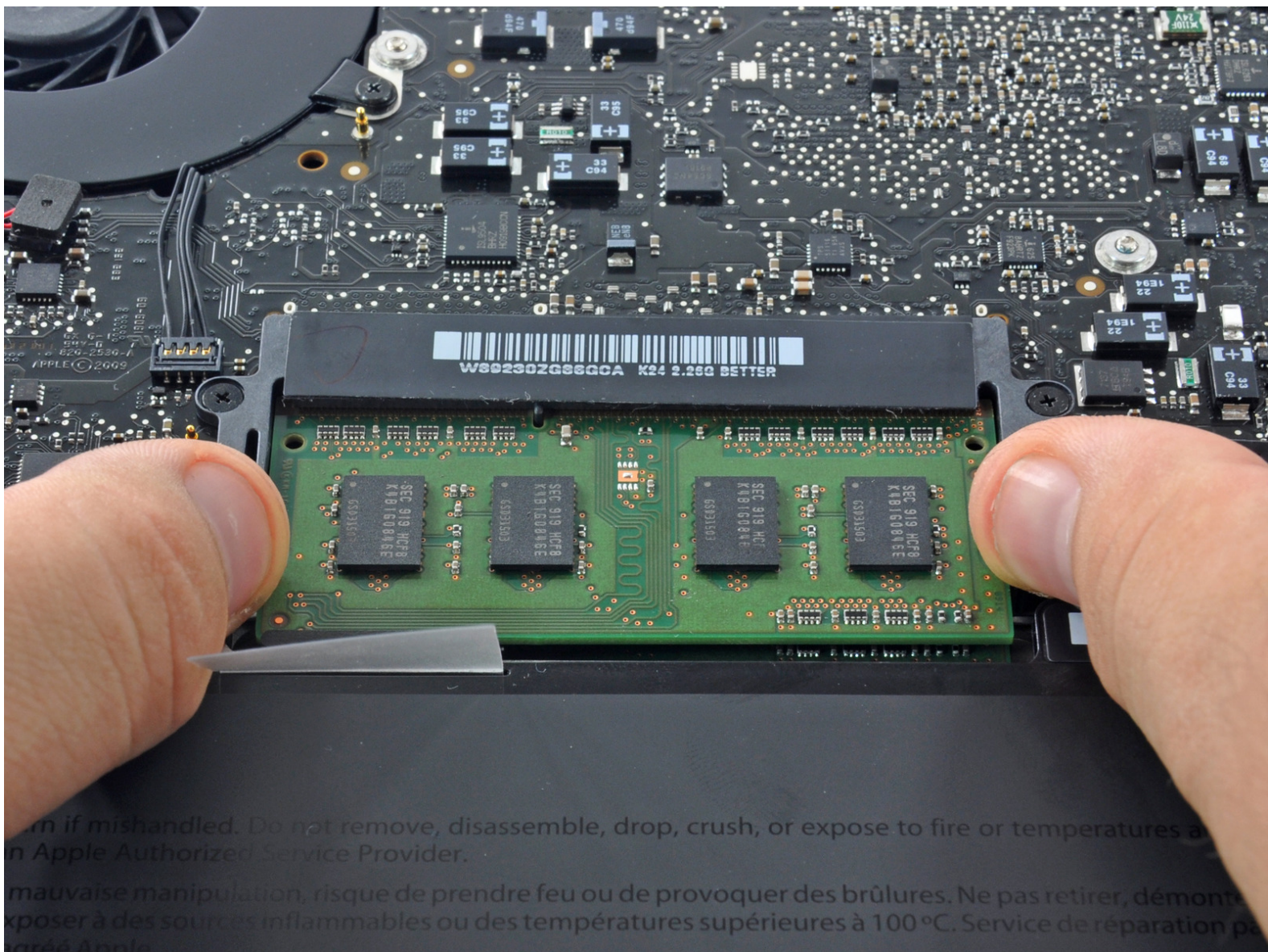




# MacBook Pro 13" Unibody Mid 2009 RAM Replacement

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## INTRODUCTION

Accessing the RAM in this computer is straightforward and requires minimal disassembly.



### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)

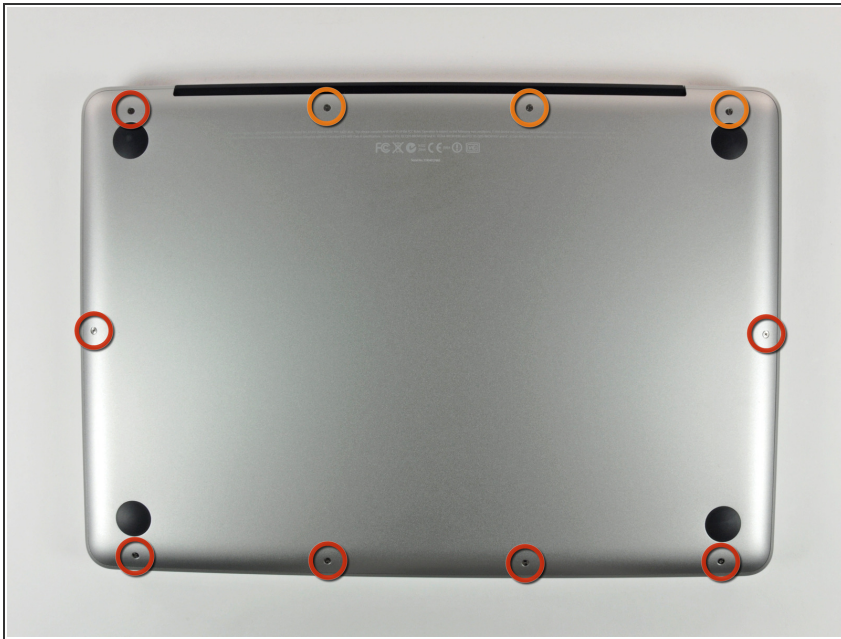


### PARTS:

- [PC3-8500 4 GB RAM Chip](#) (1)
- [PC3-8500 2 GB RAM Chip](#) (1)
- [PC3-8500 1 GB RAM Chip](#) (1)



## Step 1 — Lower Case



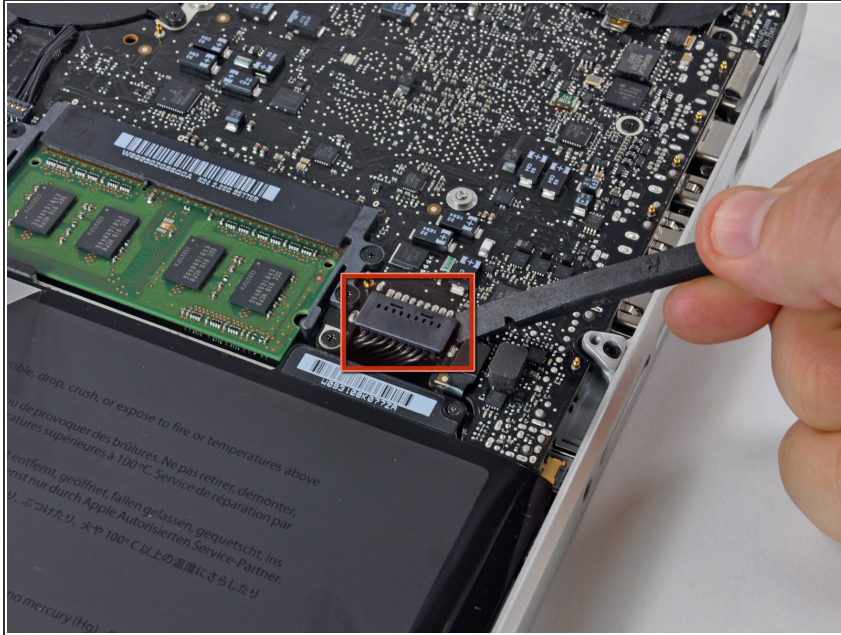
- Remove the following 10 screws securing the lower case to the MacBook Pro 13" Unibody:
  - Seven 3 mm Phillips screws.
  - Three 13.5 mm Phillips screws.

## Step 2



- Slightly lift the lower case and push it toward the rear of the computer to free the mounting tabs.

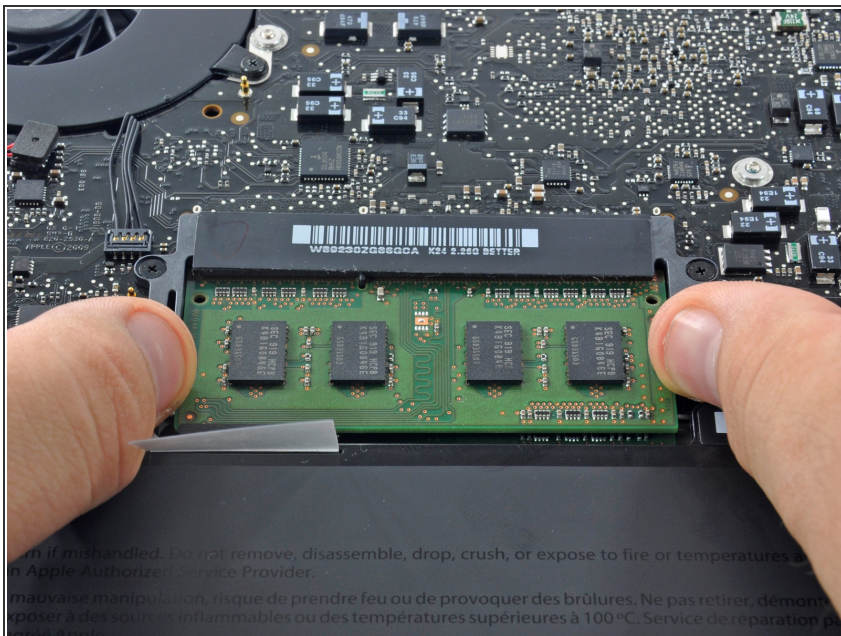
## Step 3 — Battery



**⚠** For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge.

- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.

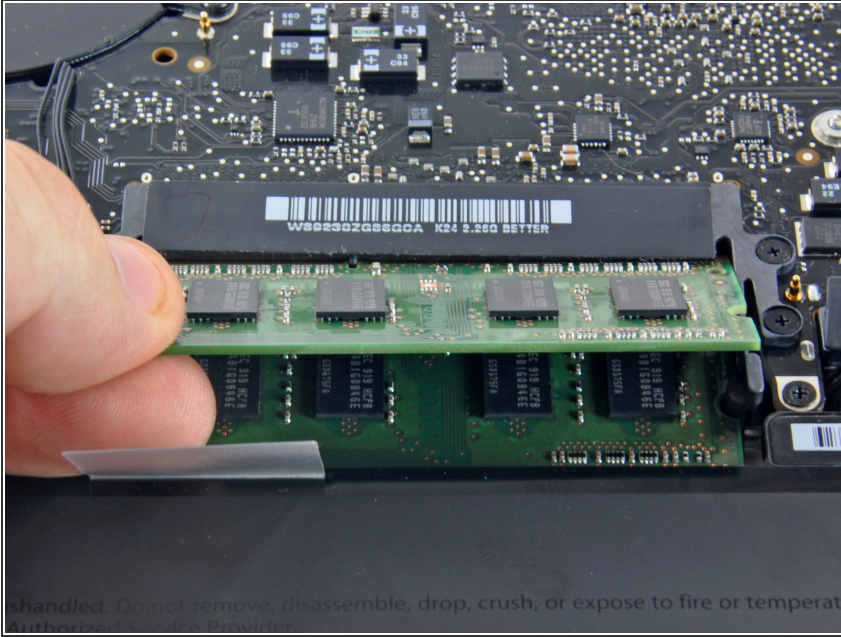
## Step 4 — RAM



- Release the tabs on each side of the chip by simultaneously pushing each tab away from the RAM.
- i** These tabs lock the chip in place and releasing them will cause the chip to "pop" up.



## Step 5



- After the RAM chip has popped up, pull it straight out of its socket.
- ⓘ Repeat this process if a second RAM chip is installed.

To reassemble your device, follow these instructions in reverse order.

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